

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims to the subject Patent Application:

Listing of Claims:

1. (Currently Amended) A method for controlling ON/OFF switching of an LED light source in a scanner ~~that uses~~, the scanner using a white light LED as the LED light source, comprising the steps of:

switching the white light LED on and off at least once during a predetermined reading cycle time interval while a complete sequence of ~~according to the frequency of the~~ optical signals of the reading cycle of the scanner is received by the scanner.

Claims 2-3 (Canceled).

4. (Currently Amended) The method of claim 1, wherein the scanner reads red light optical signals when the white light LED is switched on.

5. (Currently Amended) The method of claim 1, wherein the scanner reads green light optical signals when the white light LED is switched on.

6. (Currently Amended) The method of claim 1, wherein the scanner reads blue light optical signals when the white light LED is switched on.

7. (Currently Amended) The method of claim 1, wherein the scanner reads a predetermined sequence of red, green, blue (R/G/B) optical signals of said reading cycle of the scanner when the white light LED is switched on.

8. (Original) The method of claim 1, wherein the scanner reads the optical signals through a charge-coupled device (CCD).

9. (Currently Amended) The method of claim 1, wherein the scanner controls the frequency of reading optical signals and the ON/OFF of the white light LED through a time pulse.

10. (Currently Amended) The method of claim 9, wherein the white light LED is switched on to allow the scanner to receive the optical signals when the time pulse is at a low potential.

11. (Currently Amended) The method of claim 9, wherein the white light LED is switched off to allow the scanner to stop receiving the optical signals when the time pulse is at a high potential.

12. (New) A method for controlling ON/OFF switching of an LED light source in a scanner, comprising the steps of:

switching the LED light source ON and OFF multiple times while an optical signal is received by the scanner.

13. (New) The method of claim 12, wherein the scanner reads a red light optical signal when the LED light source is switched ON.

14. (New) The method of claim 12, wherein the scanner reads a green light optical signal when the LED light source is switched ON.

15. (New) The method of claim 12, wherein the scanner reads a blue light optical signal when the LED light source is switched ON.

16. (New) The method of claim 12, wherein the scanner reads red/green/blue optical signals when the LED is switched ON.